

FIG. 1

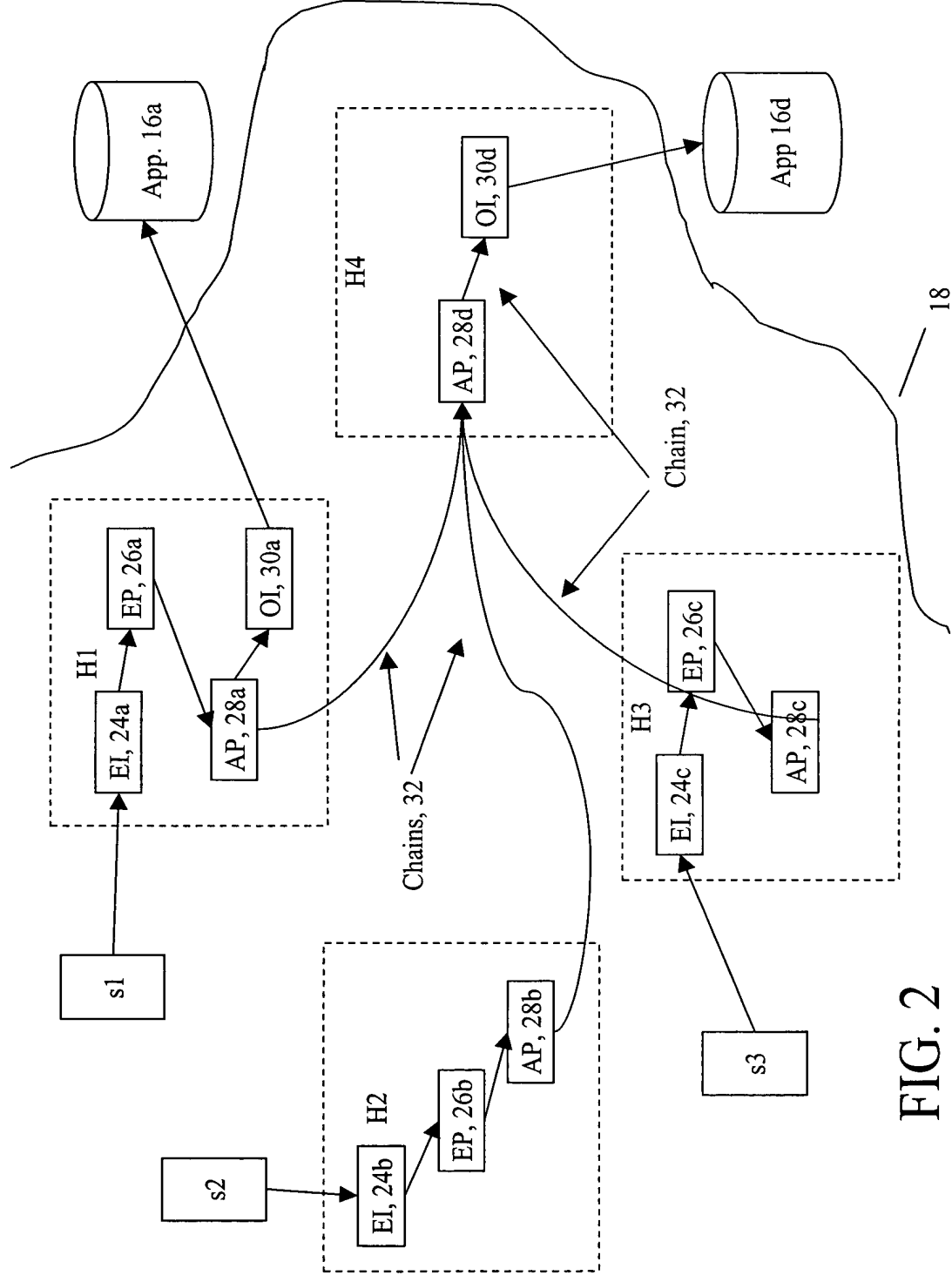


FIG. 2

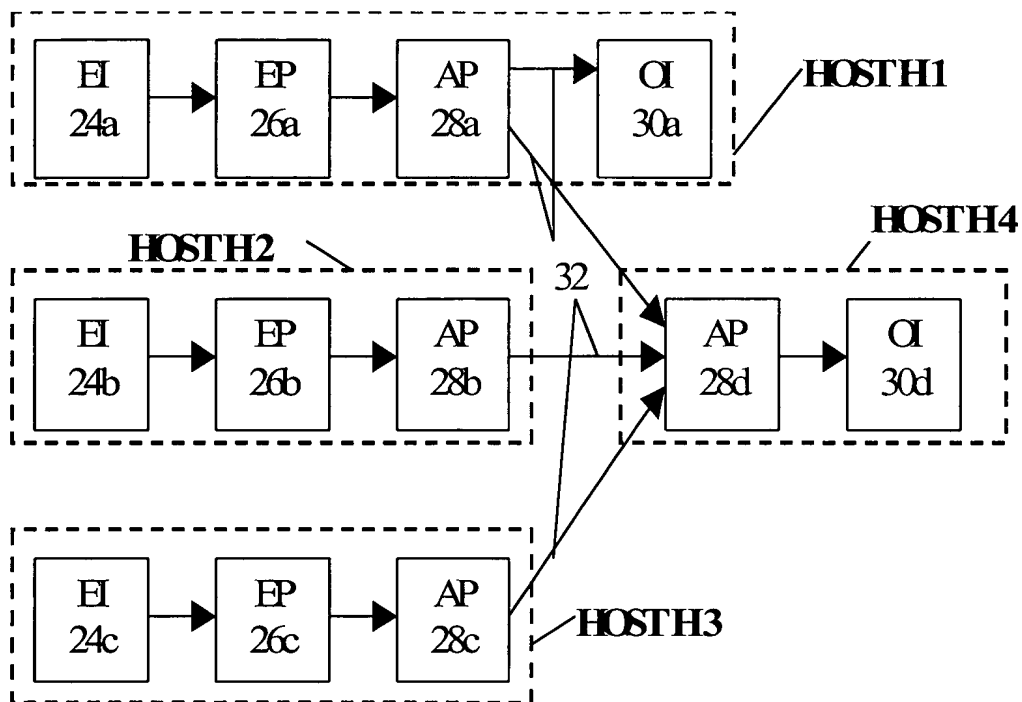


FIG. 3

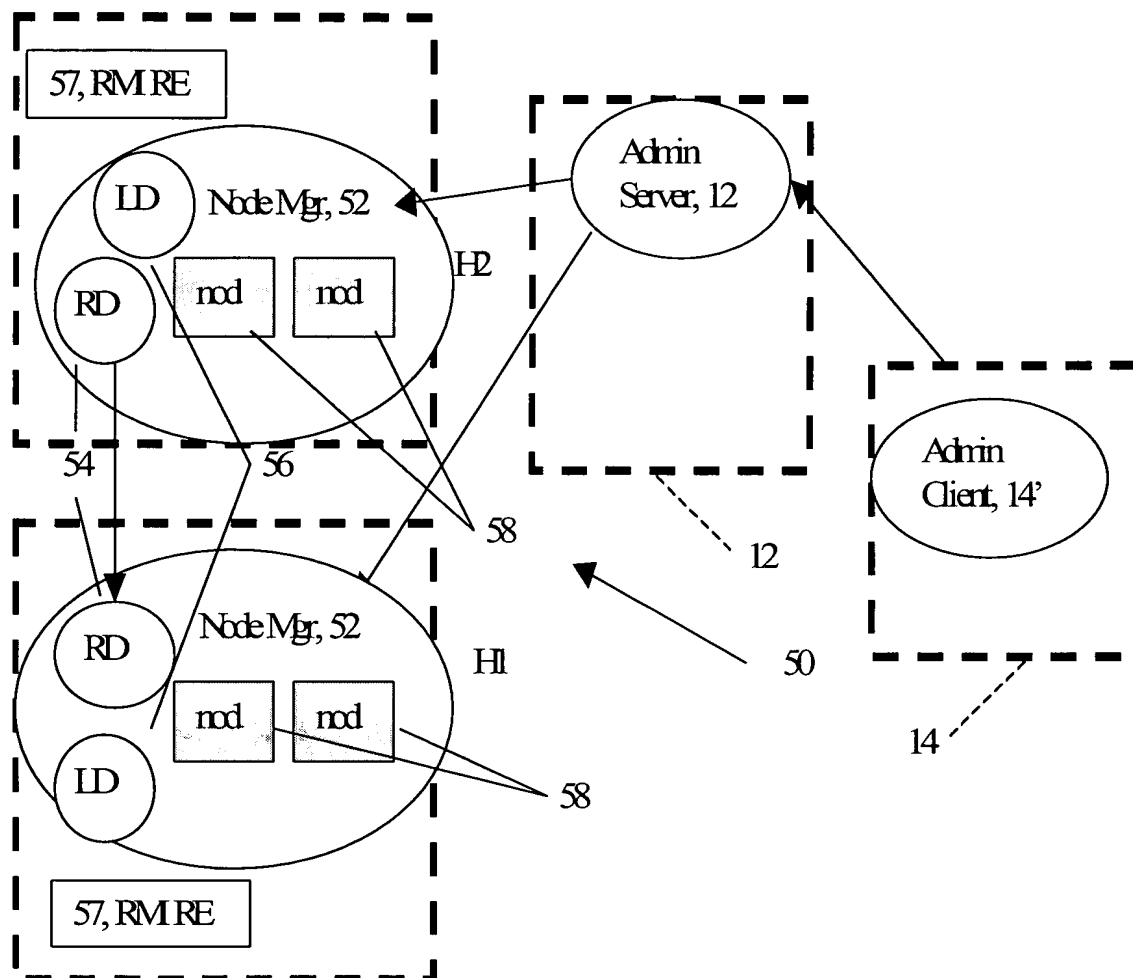


FIG. 4

/	/input/24b	The input queues are where nodes
	/26b	look for files to process
	/28b	
	/28d	
/	/output/24b	The output queues are where nodes
	/26b	write their post-processed files
	/28b	
/	/scratch/24b	The scratch queues is used by the
	/25b	node to persist data
	/28b	


80 

FIG. 5

82, MASTER DATA FLOW MAP

Node	Destination	Queue

Node	Destination	Queue

84a, NODE DATA FLOW MAP

Node	Destination	Queue

84i, NODE DATA FLOW MAP

FIG. 5A

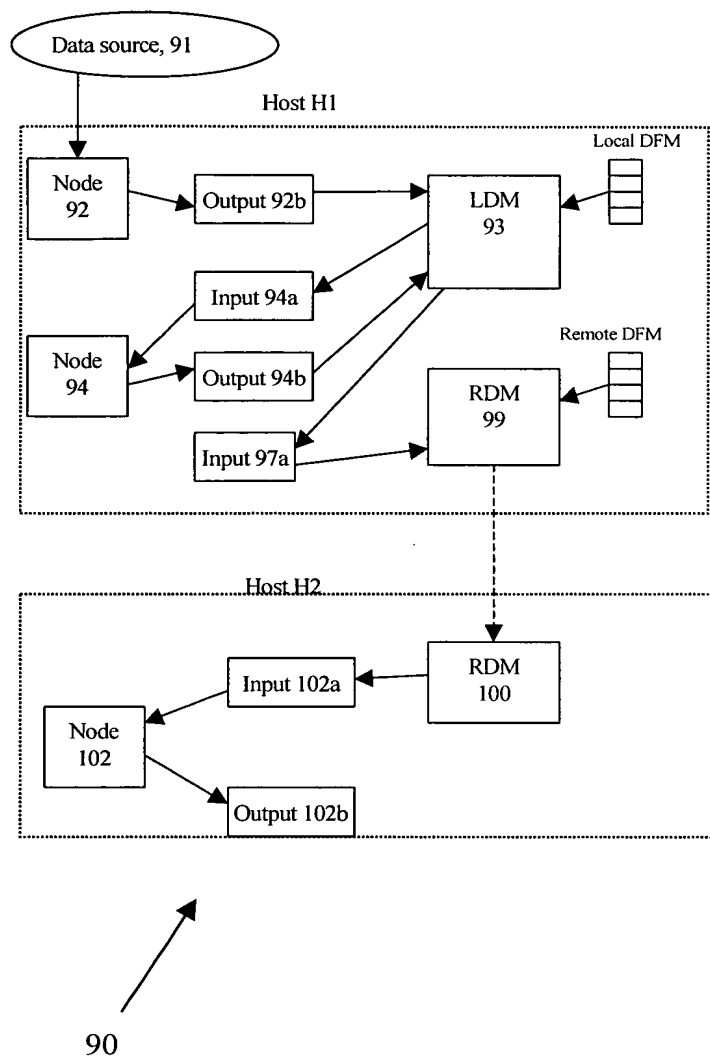


FIG. 6

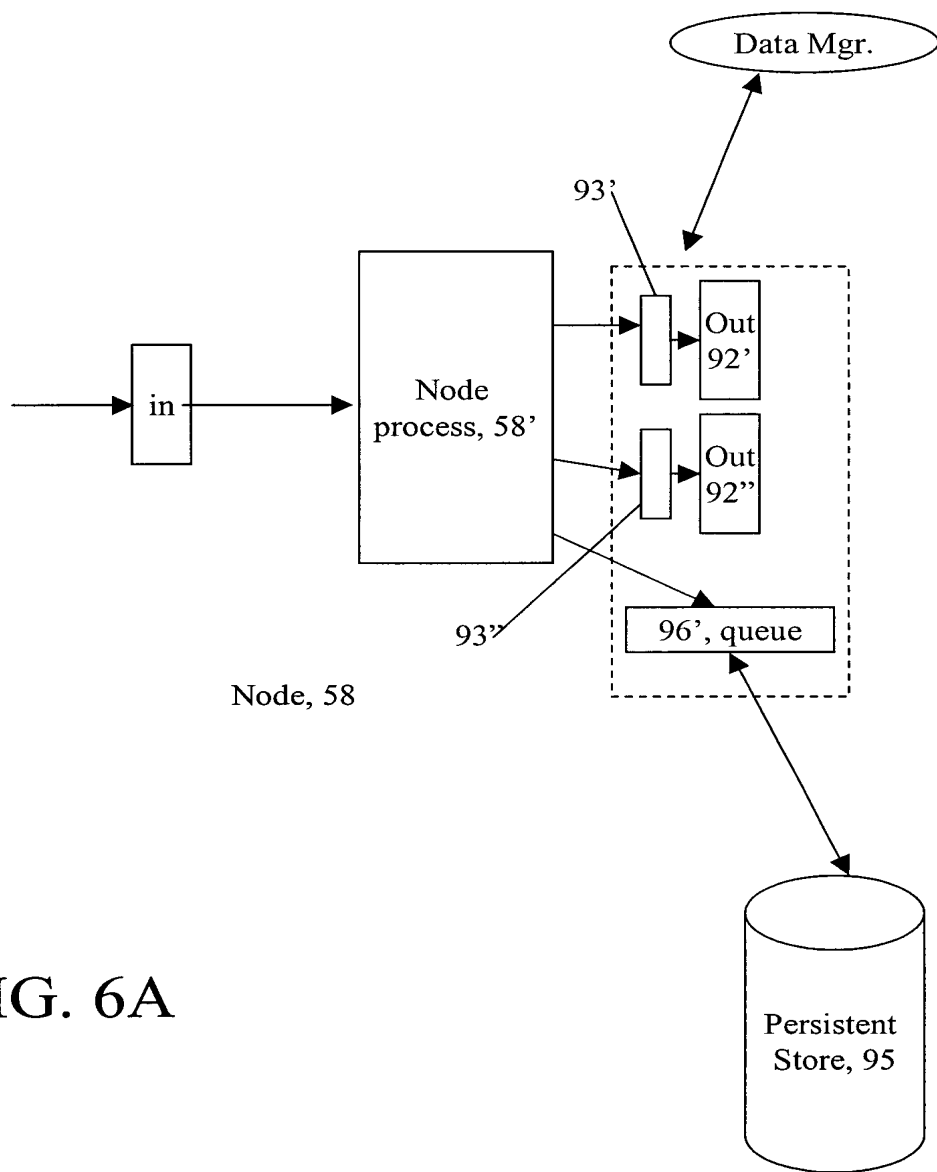


FIG. 6A

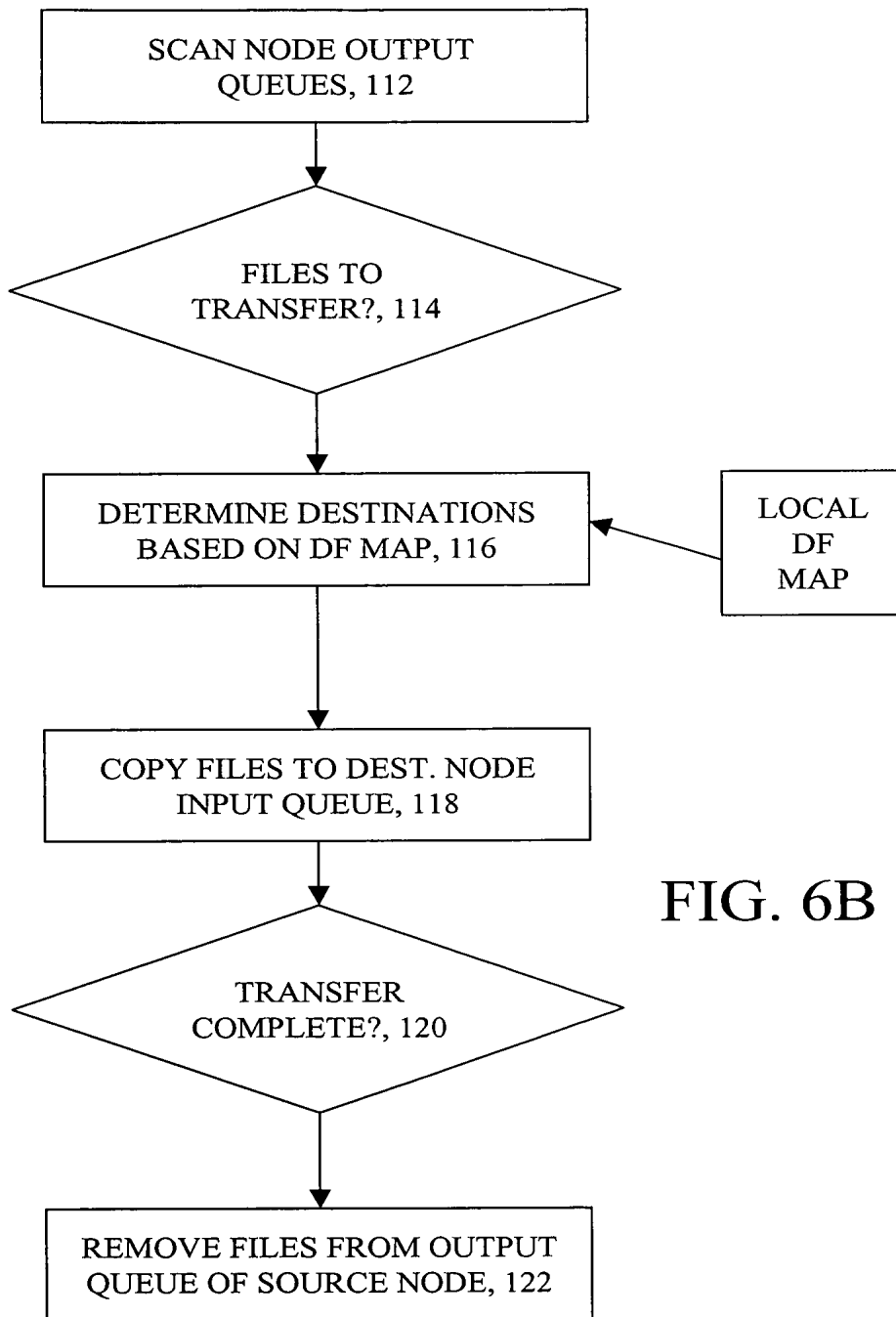


FIG. 6B

FIG. 7

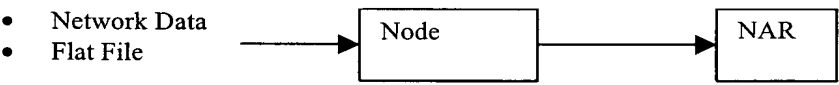
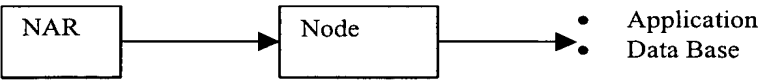


FIG. 8



FIG. 9



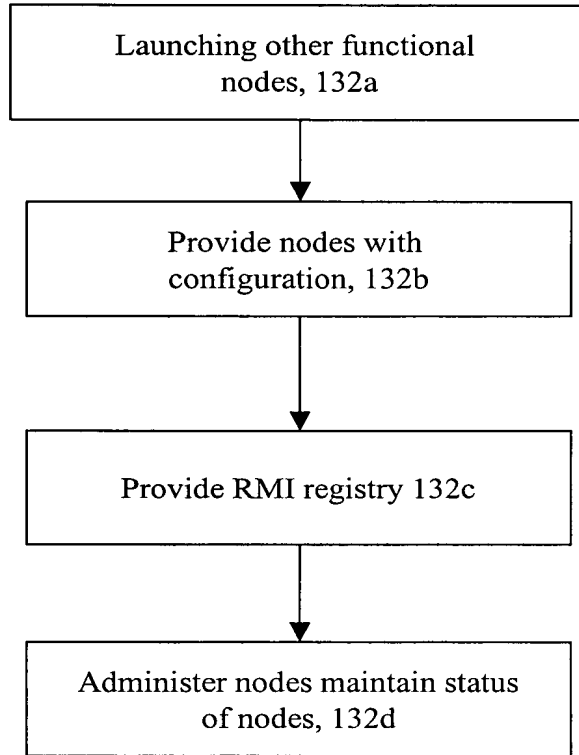


FIG. 10

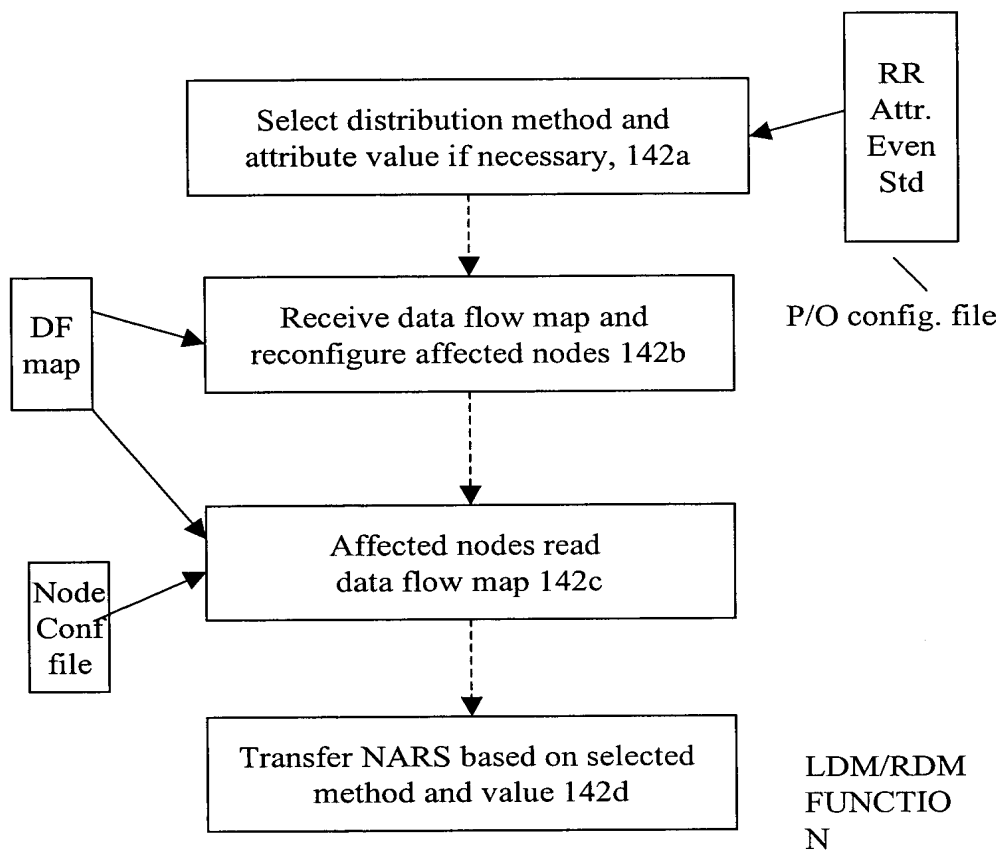


FIG. 11

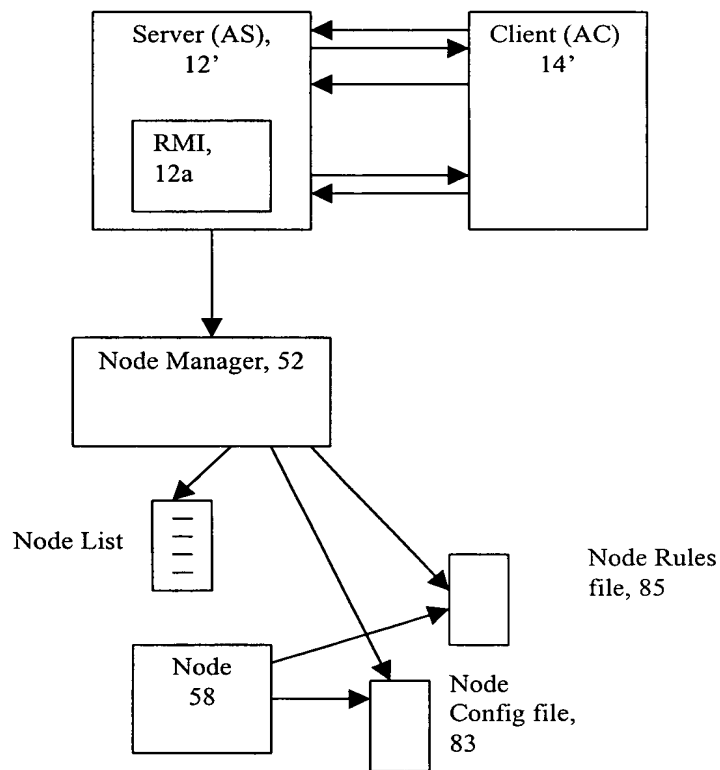
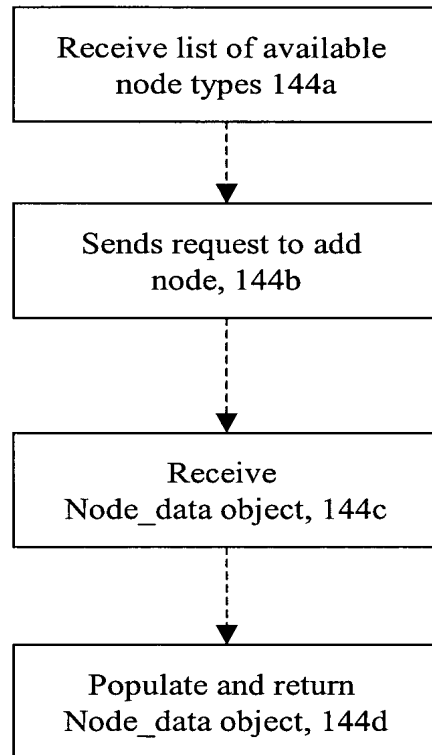
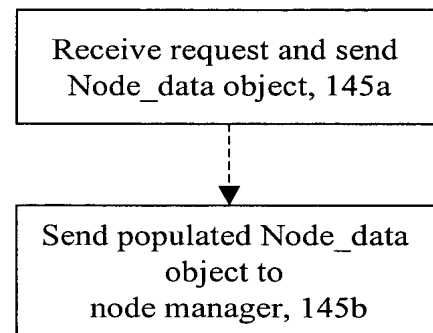


FIG. 12

Client, 14'



Client, 12'



Node manager, 52'

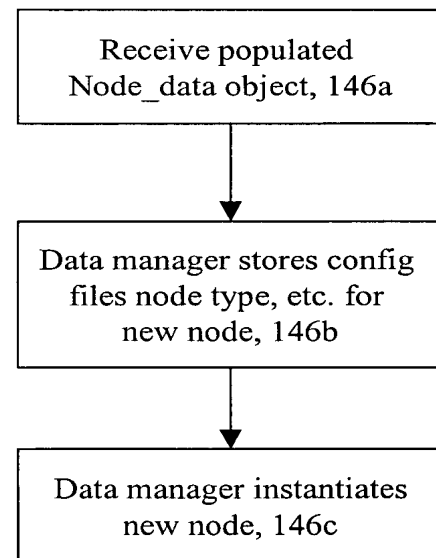


FIG. 12A

FIG. 13A

PSA Admin

File Admin Window Help

Administrative Function: Node Hosts

NORTEL NETWORKS

Accounting Hosts

Name	IP Addr	Port	Alarm
NM on Jeff's PC	141.251.69.242	10.990	○

New...
Edit...
Delete...
Clear
View Log

Nodes on Accounting Host: (No Host Selected)

ID	Name	Type	Destination	Alarm	State
----	------	------	-------------	-------	-------

New...
Edit...
Delete...
Start...
Stop...
Clear
View Log

Warning: Applet Window

FIG. 13B

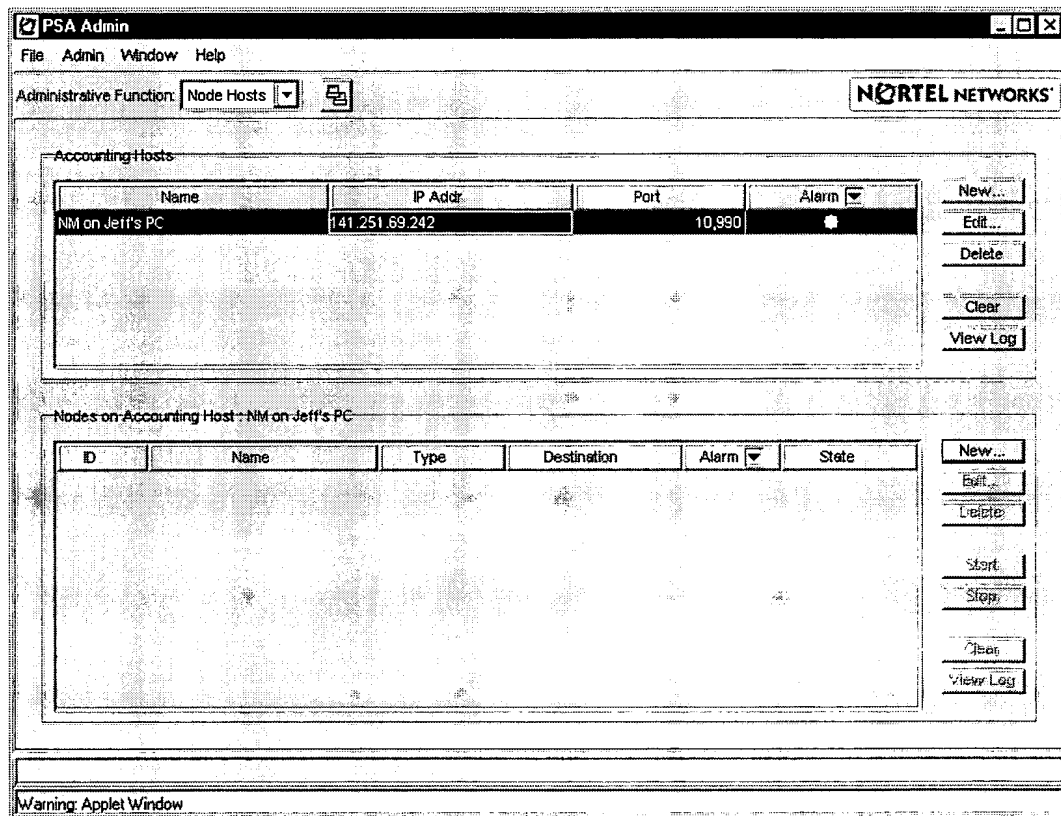


FIG. 13C

The image shows a screenshot of a software window titled "Create a Node". Inside the window, there is a text prompt "Please select your market segment." followed by five radio button options: "GPRS", "VoIP", "PCore", "VPN", and "Access". The "PCore" option is selected, indicated by a filled radio button. At the bottom right of the window, there are two buttons: "Cancel" and "Next". A status bar at the very bottom of the window displays the text "Warning: Applet Window".

Create a Node

Please select your market segment.

☐ GPRS

☐ VoIP

☒ PCore

☐ VPN

☐ Access

Cancel Next

Warning: Applet Window

FIG. 13D

The image shows a screenshot of a software window titled "Create a Node". The window has a standard Mac OS-style title bar with a close button (X) in the top right corner. The main content area contains the text "Please select a basic node type." followed by four radio button options: "EI", "EP", "AP", and "OI". The "EI" option is selected, indicated by a filled circle. At the bottom right of the window, there are two buttons: "Back" and "Next". The "Next" button is highlighted with a dashed border. A status bar at the bottom of the window displays the text "Warning: Applet Window".

Create a Node

Please select a basic node type.

☒ EI

☐ EP

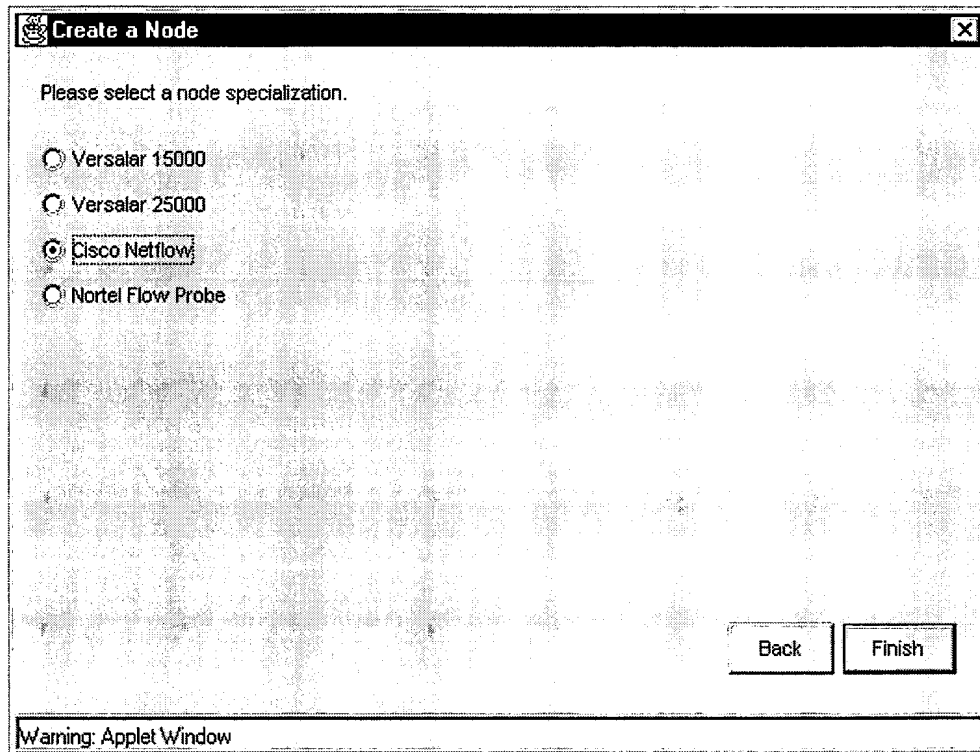
☐ AP

☐ OI

Back Next

Warning: Applet Window

FIG. 13E



The image shows a screenshot of a software window titled "Create a Node". Inside the window, there is a text prompt "Please select a node specialization." followed by four radio button options: "Versalar 15000", "Versalar 25000", "Cisco Netflow", and "Nortel Flow Probe". The "Cisco Netflow" option is selected, indicated by a filled radio button. At the bottom right of the window are two buttons labeled "Back" and "Finish". A status bar at the bottom of the window displays the text "Warning: Applet Window".

Create a Node

Please select a node specialization.

☐ Versalar 15000

☐ Versalar 25000

☒ Cisco Netflow

☐ Nortel Flow Probe

Back Finish

Warning: Applet Window

FIG. 13F

The screenshot shows a Java applet window titled "New Node @ 141.251.69.242". The window contains several input fields for configuring a new node. The fields are as follows:

- Name:** A text box containing "A test EI node".
- Type:** A text box containing "EI : Netflow".
- ID:** A text box containing "<to be assigned by server (1)>".
- Rule File:** A text box containing "netflow_default.rules" with a dropdown arrow on the right.

Below these fields is a "Node-Configuration" section with three tabs: "General", "Netflow", and "Destinations". The "Netflow" tab is currently selected. Inside this tab, there are four input fields:

- Debug Level:** A text box containing "1".
- Max log file size:** A text box containing "100000".
- OSARS per File:** A text box containing "500".
- Idle write time:** A text box containing "60".

At the bottom right of the window are two buttons: "Cancel" and "Save". At the bottom left, there is a status bar that reads "Warning: Applet Window".

FIG. 13G

PSA Admin

File Admin Window Help

Administrative Function: Node Hosts

NORTEL NETWORKS

Accounting Hosts

Name	IP Addr	Port	Alarm
NM on Jeff's PC	141.251.69.242	10,990	<input checked="" type="checkbox"/>

New...
Edit...
Delete
Clear
View Log

Nodes on Accounting Host: NM on Jeff's PC

ID	Name	Type	Destination	Alarm	State
3	A test EI node	EI : Netflow		<input checked="" type="checkbox"/>	Not Running

New...
Edit...
Delete
Start
Stop
Clear
View Log

Warning: Applet Window

FIG. 13H

PSA Admin

File Admin Window Help

Administrative Function: Node Hosts

NORTEL NETWORKS

Accounting Hosts

Name	IP Addr	Port	Alarm
NM on Jeff's PC	141.251.69.242	10,990	

New...
Edit...
Delete
Clear
View Log

Nodes on Accounting Host: NM on Jeff's PC

ID	Name	Type	Destination	Alarm	State
3	A test EI node	EI : Netflow			Not Running
4	A test OI node	OI : FlatFile			Not Running

New...
Edit...
Delete...
Start
Stop
Clear
View Log

Warning: Applet Window

FIG. 13I

Node 3 <A test EI node> @ 141.251.69.242

Name : A test EI node

Type : EI : Netflow

ID : 3

Rule File : netflow_default.rules

Node Configuration

General Netflow Destinations

ID	Name	Host	Type	Dest?
4	A test OI node		OI : FlatFile	<input checked="" type="checkbox"/>

Cancel Save

Warning: Applet Window

FIG. 13J

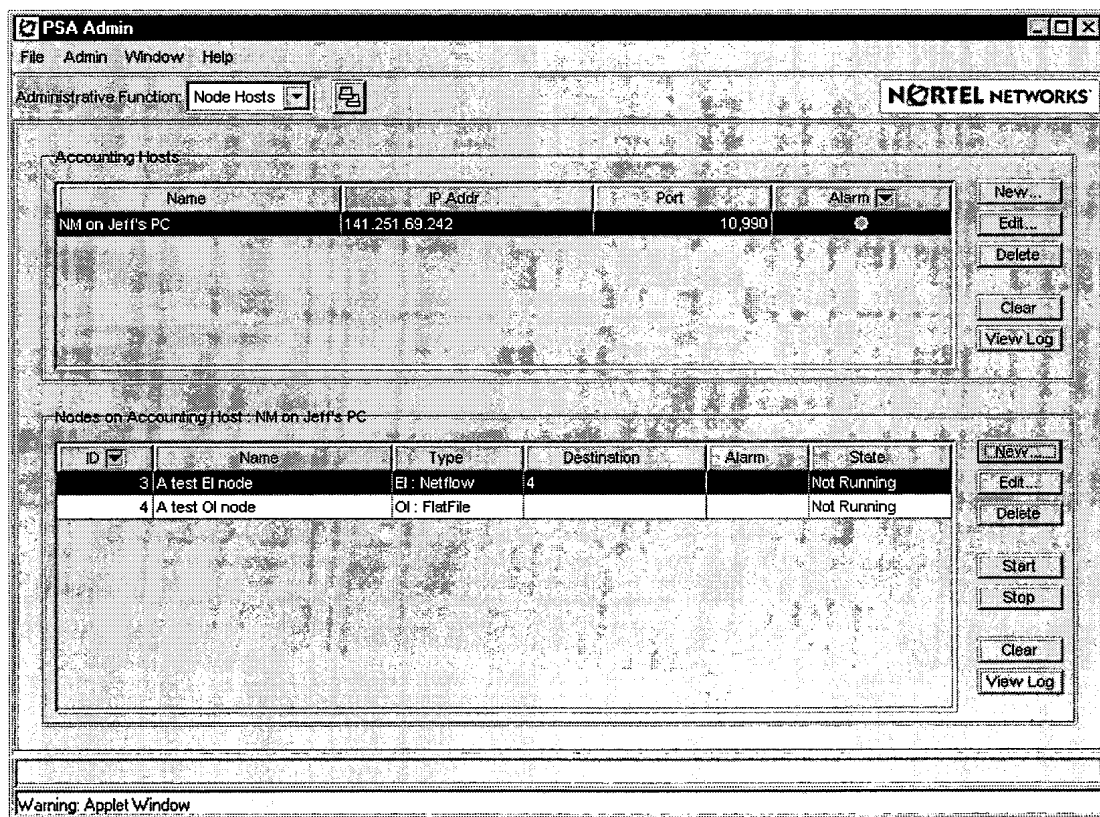
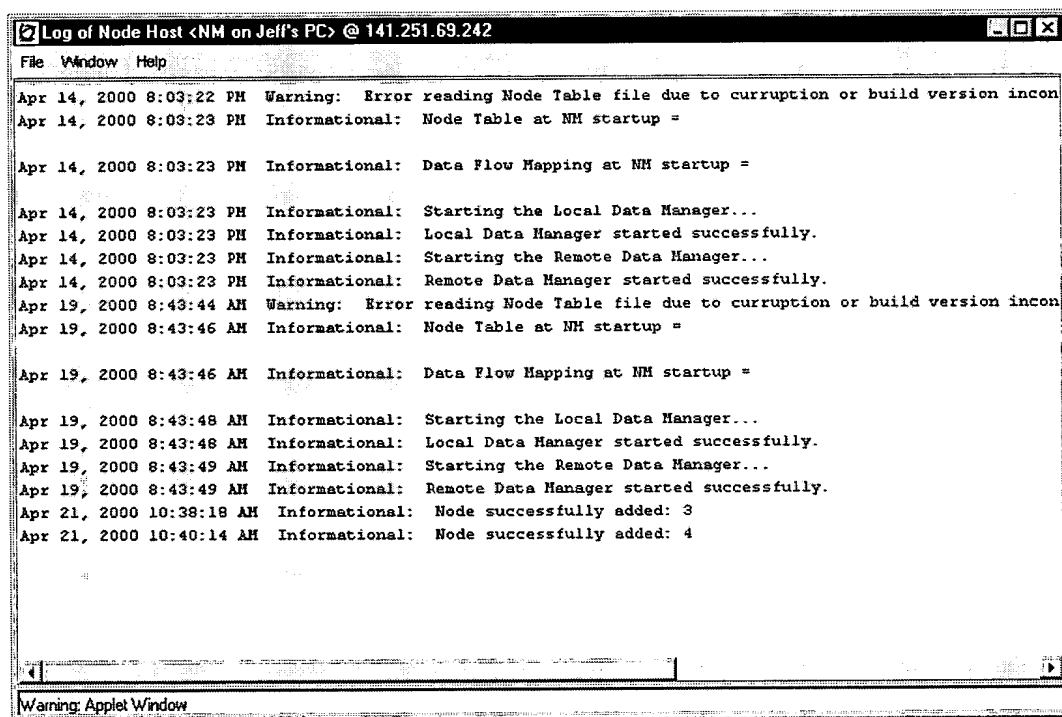


FIG. 13K



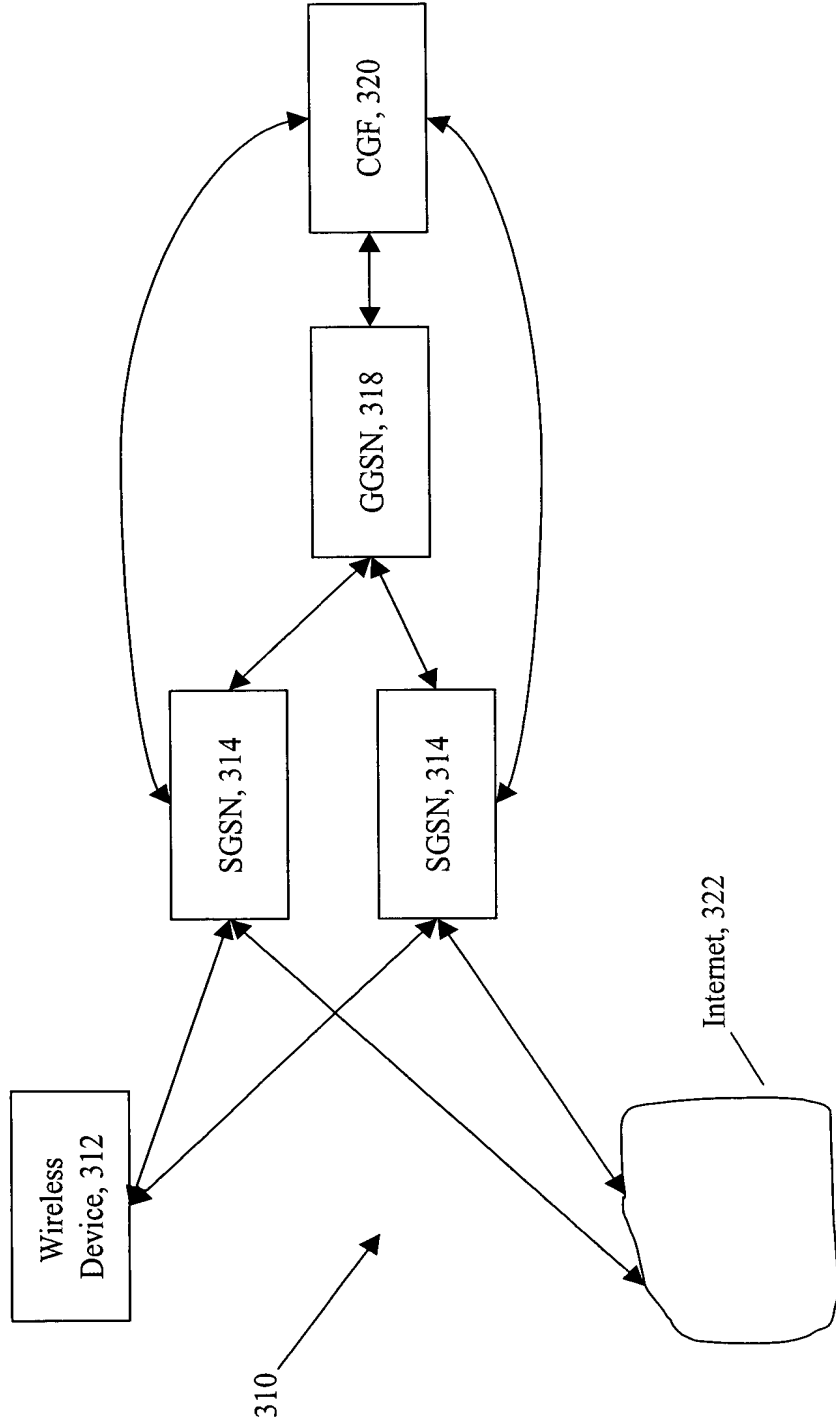


FIG. 14

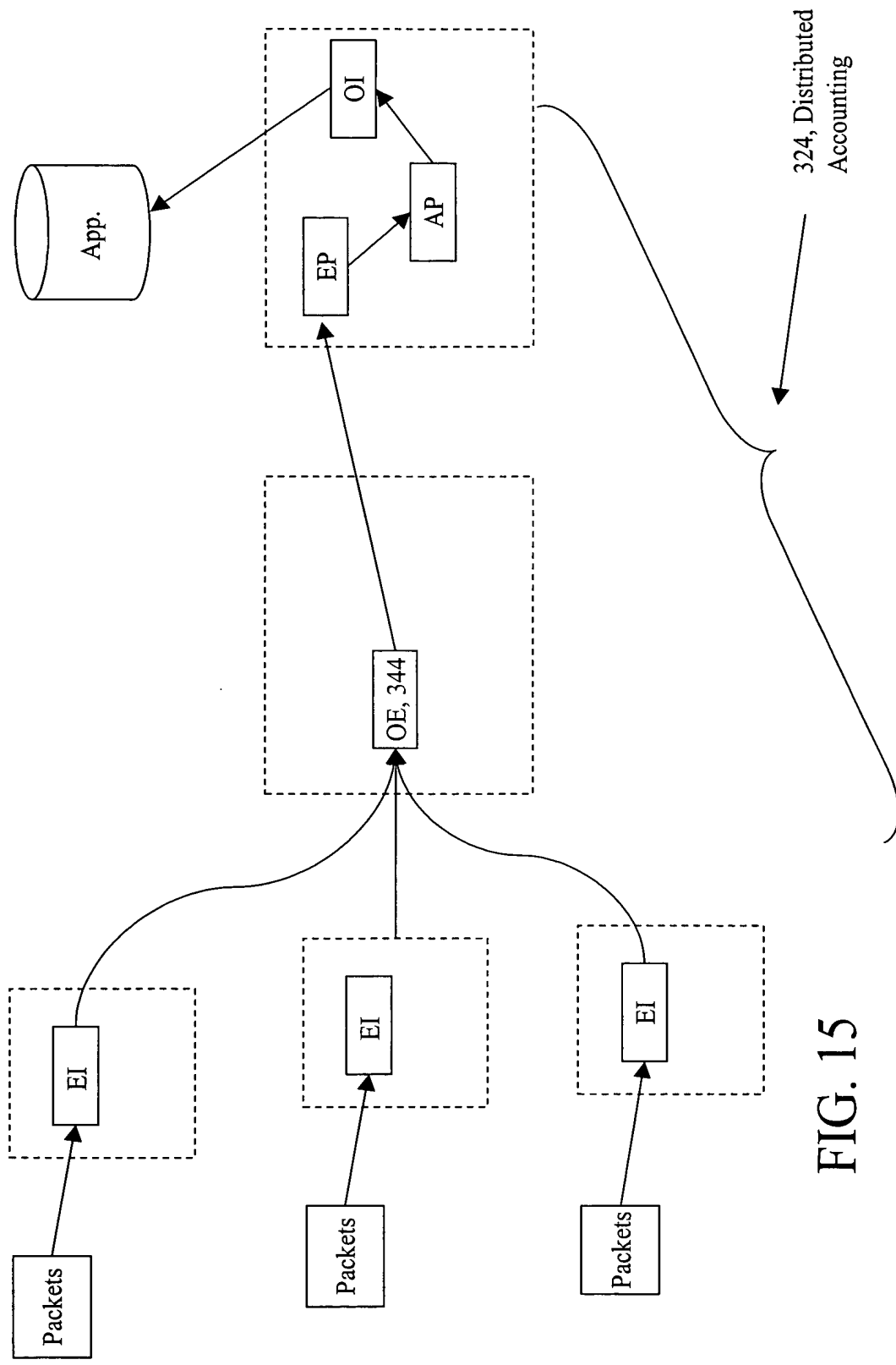


FIG. 15

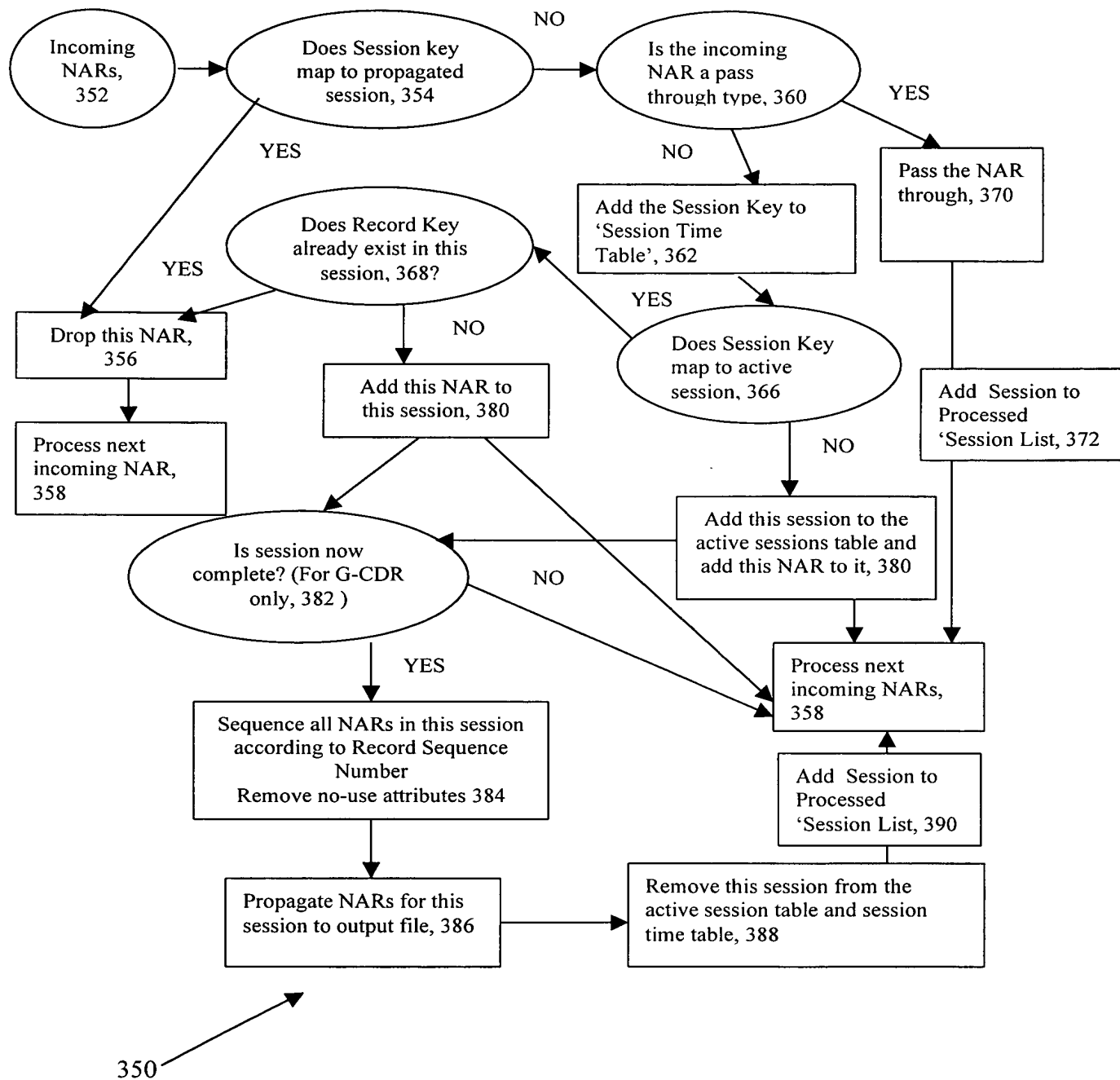


FIG. 16

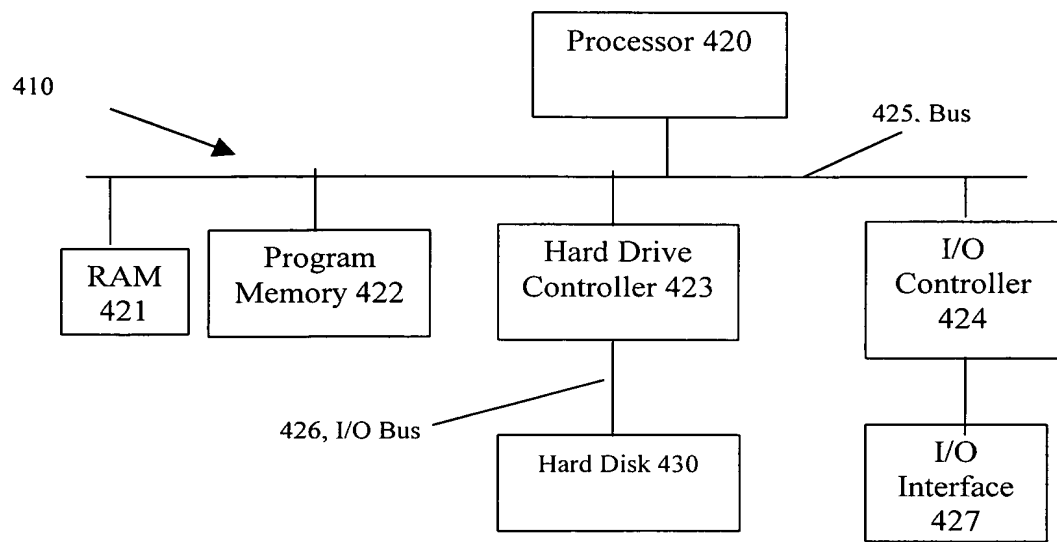


FIG. 17